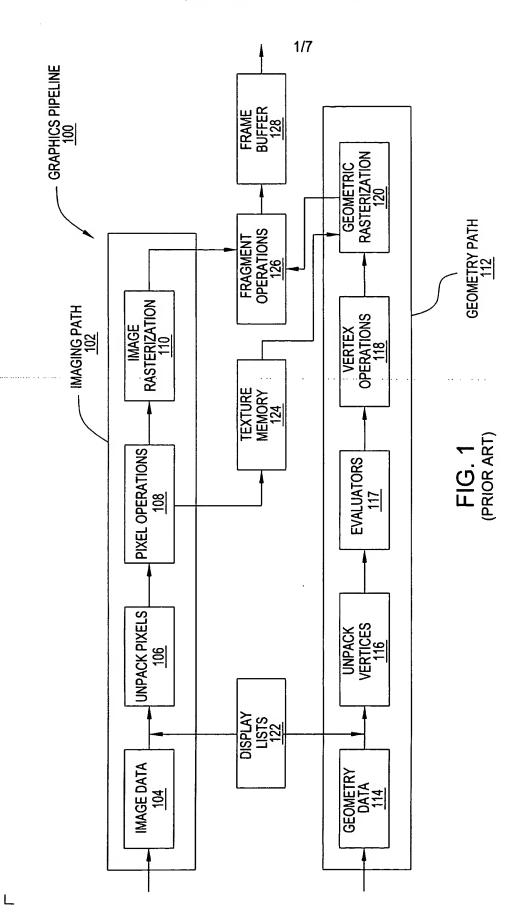
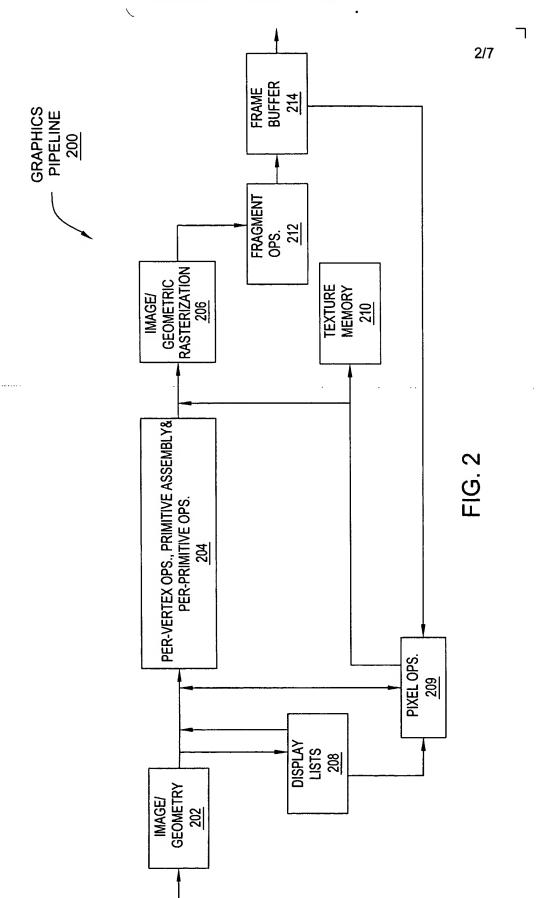
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Atty Dkt. No.: NVDA P001025
U.S. Serial No.: Unknown Conf. No.: Unknown Filed: December 3, 2003
Title: USER PROGRAMMABLE GEOMETRY ENGINE Inventor: Moreton, et al.
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Inventor: Moreton, et al.

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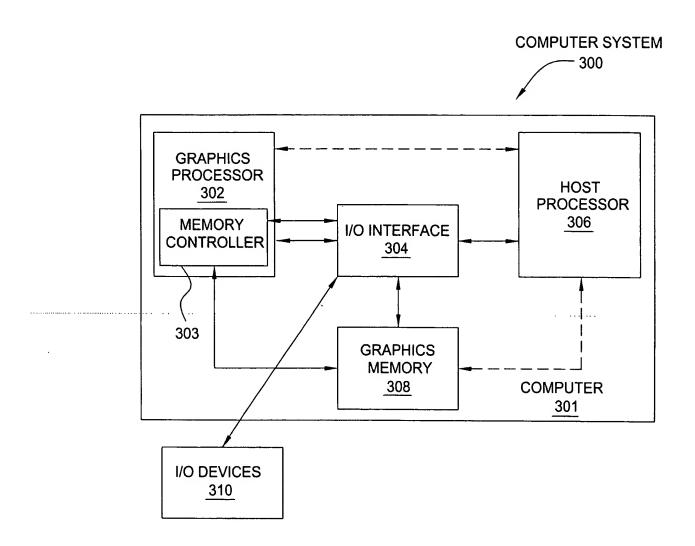
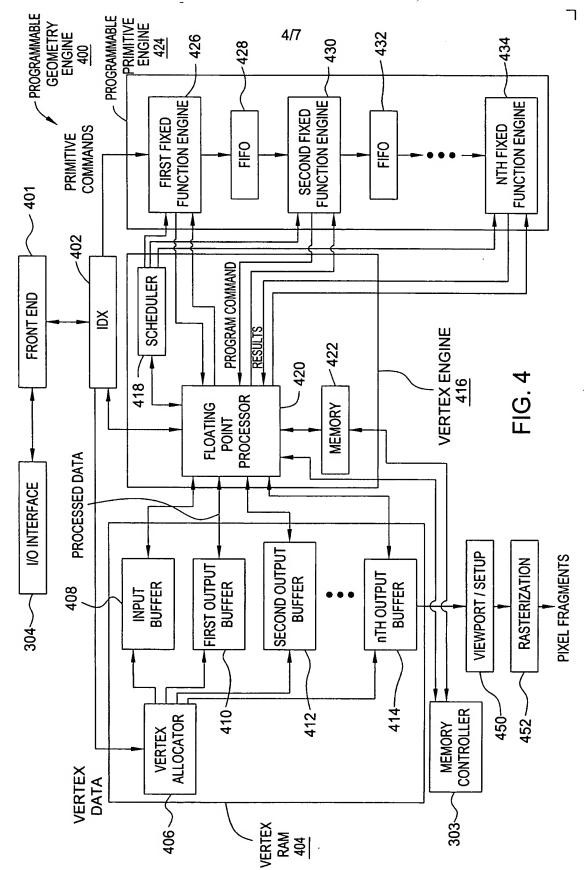


FIG. 3

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5/7 RECEIVE PRIMITIVE - 500 **COMMANDS** 504 502 DO ANY TRANSMIT UNPROCESSED RECEIVED COMMANDS PRIMITIVE COMMANDS TO RELATE TO CURRENT **NEXT FIXED FUNCTION** NO FIXED FUNCTION **ENGINE ENGINE?** YES ASSEMBLE PRIMITIVE 506 **IDENTIFY FIRST PRIMITIVE** 508 COMMAND TRANSMIT PROGRAM COMMAND 510 TO VERTEX ENGINE 514 512 WAIT FOR VERTEX YES WAIT FOR **ENGINE TO RETURN RESULTS RESULTS?** NO 516 518 YES TRANSMIT SAME RECEIVE AND PROGRAM COMMAND **INTERPRET** TO VERTEX **RESULTS ENGINE? IDENTIFY NEXT PRIMITIVE** -522 NO **COMMAND** -520 HAS EVERY RELATED NO YES PRIMITIVE COMMAND BEEN PROCESSED? FIG. 5

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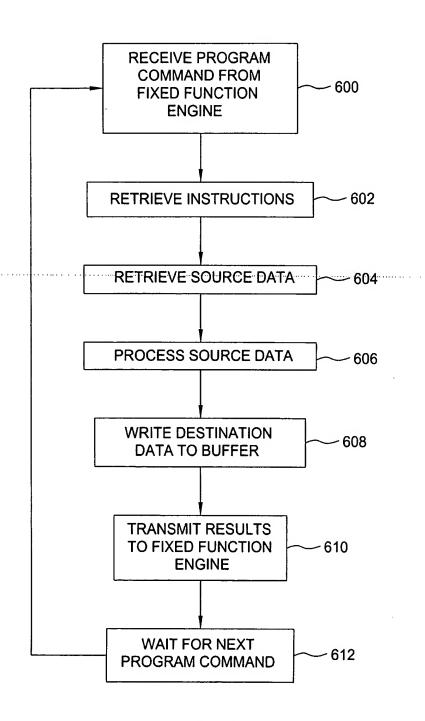


FIG. 6

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